FMA II Series

Your satisfaction, Our priority.

FMA II

steady to the bones.

RoHS

Best of Tom's 2004 / 2005

Easy Plug connectors

Best EMI Shielding

Nippon Steel with RoHS compliant coating

Variable Cooling Regulator

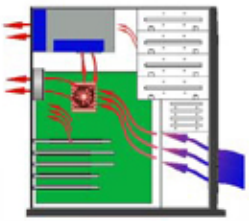
(535W)

Features

- Full compliance with the highest standard to desktop power requirements. Split 12V rails provide most stable current to CPU, GPU, MB and drives.
- Full support of Dual Core systems (incl. Pentium D XE and Athlon 64 X2) & Dual CPU systems.
- Convertible design to power up ATX/BTX systems and support dual CPU entry-level server/workstation.
- High efficiency of about 80% in wide load range (30-100%) minimizes your electricity bill.
- PF value up to 0.99 to provide stable and clean power under 100-240VAC by auto switching. (AX models only)
- Protected by OCP, OVP, UVP, OLP, SCP, OTP for maximum safety. Full rated power under 0-40°C/32-104°F ambient temp.
- The best cooling method for PC system, which is strongly suggested by AMD.
- Manual fan speed control to keep the balance between cooling effect and acoustic noise. Automatic fan speed adjustment to prevent system overheating.

ENERMAX

Innovations

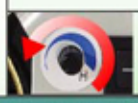


In 1997, ENERMAX invented the dual fan power supply design called 'L-layout'. It received AMD´s recommendation and was followed up by all major PSU manufacturers.

In 2001 ENERMAX patented the "Variable-Cooling Regulator" (VR) when introducing FMA & FCA series'.

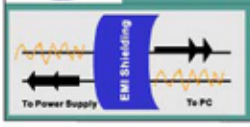
This VR allows you to adjust fan speed mode between silence and cooling.
Furthermore it constantly monitors temperature and adjusts fan speed if necessary.

Speed mode : ideal-for heavy-duty system and gaming PC.



Silent mode : ideal for office / home PC.

Highest reliability and safety are ENERMAX' fundamental principles.
Complete protection circuits and sophisticated design of ENERMAX FMA models assure quality and stability. Additionally the unique ENERMAX RING CORE filters the EMI pulse leaks to ensure maximum system stability.



With Ring Core
Clean all EMI from system or AC inlet

Without Ring Core
EMI could be transmitted, and interfere system stability

DC Current
EMI

Specifications

Spec \ Model		EG375	EG465	EG565
AC Input Rating				
AX-VE(G) Active PFC series	Voltage	230 VAC (Active PFC)		
	Current	2.7A	3.5A	4.3A
AX-VE(W) Active PFC series	Voltage	100-240 VAC (automatic switching)		
	Current	6-2.5A	7.5-3.5A	9.5-4A
P-VE Standard series	Voltage	115/230 VAC (manual switching)		
	Current	8A/4A	10A/5A	12A/6A
DC Output Rating				
+3.3V		27A	30A	32A
+5V		27A	30A	32A
+12V1		20A	22A	22A
+12V2		20A	20A	22A
-12V		0.6A	0.6A	0.6A
+5Vsb		3A	3A	3A
+3.3V & +5V		145W	160W	170W
+12V Total		324W(27A)	384W(32A)	408W(34A)
Tota Powerl		370W	460W	535W

FMA II Series	370W	460W	535W	35 40 45 50 55 60 65 70 75 80 85 90 95	centimeters
Mainboard 20/24p	☑	☑	☑	20/24p	40
Processor 4/8p ①	☑	☑	☑	4/8p	40
4p Extra Power ②	☑			4p	45
PCI Express ③		☑	☑	PEG	45
PCI Express		☑	☑	PEG	45
3 x 4p Molex ④	☑	☑		4p 4p 4p	45/60/75
3 x 4p Molex			☑	4p 4p 4p	60/75/90
2 x SATA(incl. 3.3V)⑤	☑	☑		S S	45/60
3 x SATA(incl. 3.3V)			☑	S S S	45/60/75
4p Molex & FDD	☑			4p FDD	45/60
4p Molex & FDD	☑			4p 4p FDD	65/80
ETERNITY & SATA			☑	S 4p S 4p S	45/50/60/65/75
ETERNITY & FDD		☑		S 4p S 4p FDD	45/50/60/65/90
FM	☑	☑	☑	FM	55
				14 16 18 20 22 24 26 28 30 32 34 35 37	(inches)

Note:
① For single core (4P) & dual core (8P) support.
② EXTRA 4P connector is rcommended for use with AGP X8 graphic card.
③ For systems that support Intel Pentium D Extreme Edition, or dual PCI-E x 16 graphics cards, using a power supply of more than 450W output is highly recommended.
④ All connectors with patented Easy-Plug design.
⑤ Including 3.3V line for next-generation SATA.

ENERMAX

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